Semi-Auto Coagulation Analyzer LX201ACA

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Description

Blood Coagulation Analyzer LX201ACA is a compact, benchtop unit with optical colorimetry methodology and 4 test channels. Designed with an advanced program self-test and user-friendly interface with LCD display, it provides a quality control analysis function with real-time reaction curve monitoring and ensures test results reliability. With a built-in thermal printer with an RS-232 serial port, it has memory storage for up to 200000 pieces of data with analysis reports in an international standard format.

Specifications

Testing principle	Optical colorimetry
Testing Channel	4 (can test different projects at the same time)
Display	5" inch LCD color touch screen
Cuvette Incubation Positions	24
Reagent Incubation Positions	6
Wavelength	470 nm
Detection time	Normal sample takes 20 to 40 sec and can be set random from 20 to 90 sec
Incubation time	1-999S
Reaction time	1-99S
Sample Type	Plasma
Results	20,000 results storage, automatically saves measurement data when powered off
Reagent dosage	Minimum dosage 20μl
Sample Volume	20-40μl
Incubation Temperature	37.0±1.0℃
Interface	RS232 serial interface, support LIS system
Printer	Built-in thermal printer
Relative Humidity	≤80%
Precision	PT, APTT, TT, FIB
Ambient temperature	10°~30°C
Atmospheric pressure	86KPa~106KPa

Power Supply	70VA, AC100~240V, 50/60Hz
External Size	380 x 340 x 175 mm
Net weight	5 kg
Package Size	450 x 310 x 270 mm
Gross weight	7 kg

Features

- 5- Inch LCD touch screen display
- The pipette automatically triggers the measurement and the measurement time can be tenths of a second
- Having an open system, good compatibility, supports reagents of various specifications
- It can test several parameters like PT, APTT, TT, and FIB in plasma
- Storage data up to 20,000 pieces of data
- Equipped with multiple pre-temperature positions to improve detection efficiency
- Built-in thermal printer with RS-232 serial port for easy printing
- Advanced program self-test with a user-friendly interface
- Optical method detector
- LIS system available
- Less reagent consumption

Applications

- Used to measure a coagulation pathway speed, as well as thrombolin and thromboplastin levels, and for detection of blood coagulation factor in medical care, scientific research and education institutions etc.

Reagent Parameters

Item	Sample volume	Reagent 1	Reagent 2	Incubating time	CV%
PT	20μl	40μl	/	120 S	≤5%
APTT	20μl	40μl	20μl	180 S	≤5%
TT	30μl	30μl	/	120 S	≤8%
FIB	40μl	20μl	/	180 S	≤5%

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